Figure 1/5

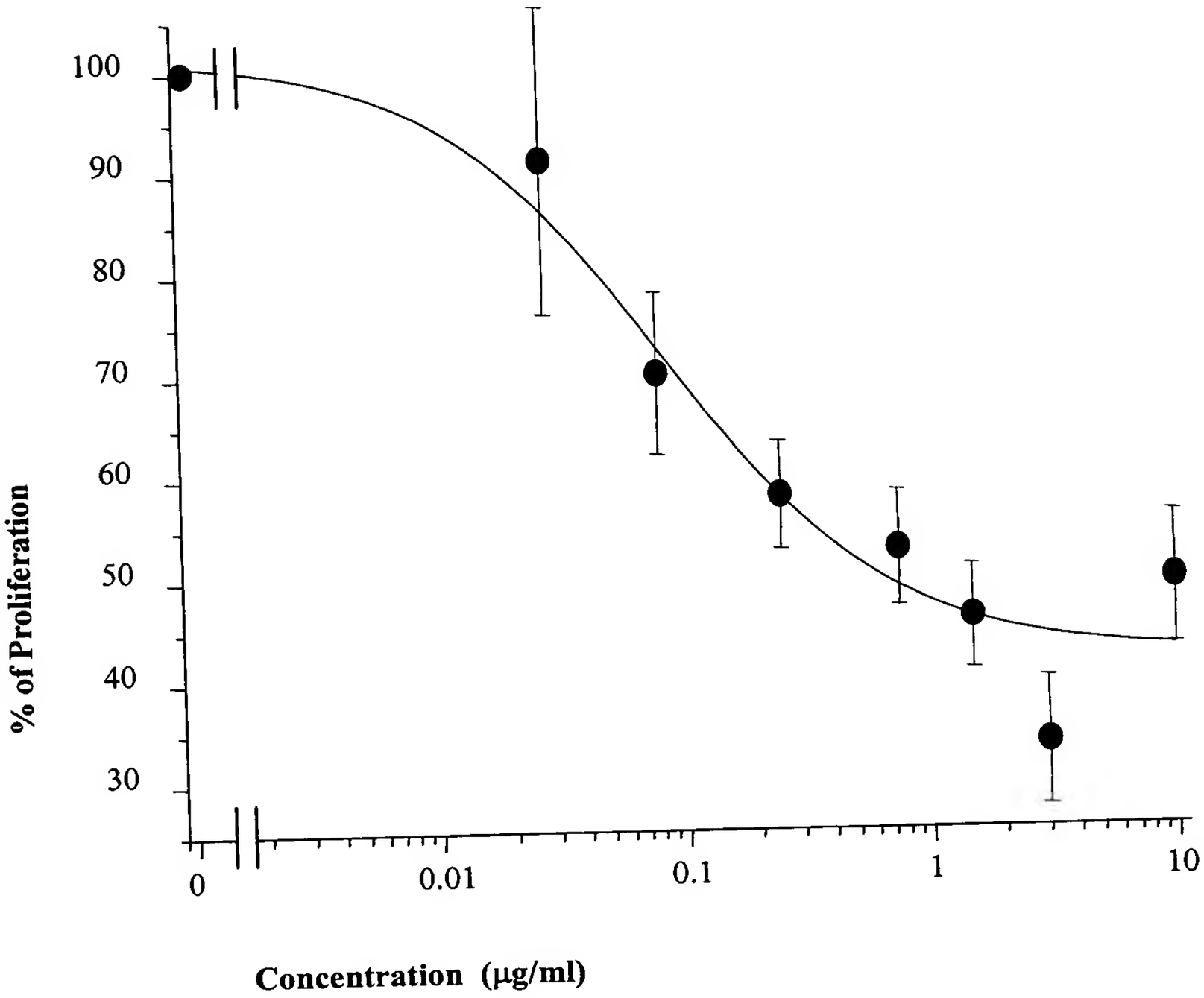

100
90
80
70
60
50
40
30
% of Proliferation
0
0.01
0.1
1
10
Concentration (μg/ml)

Figure 2/5

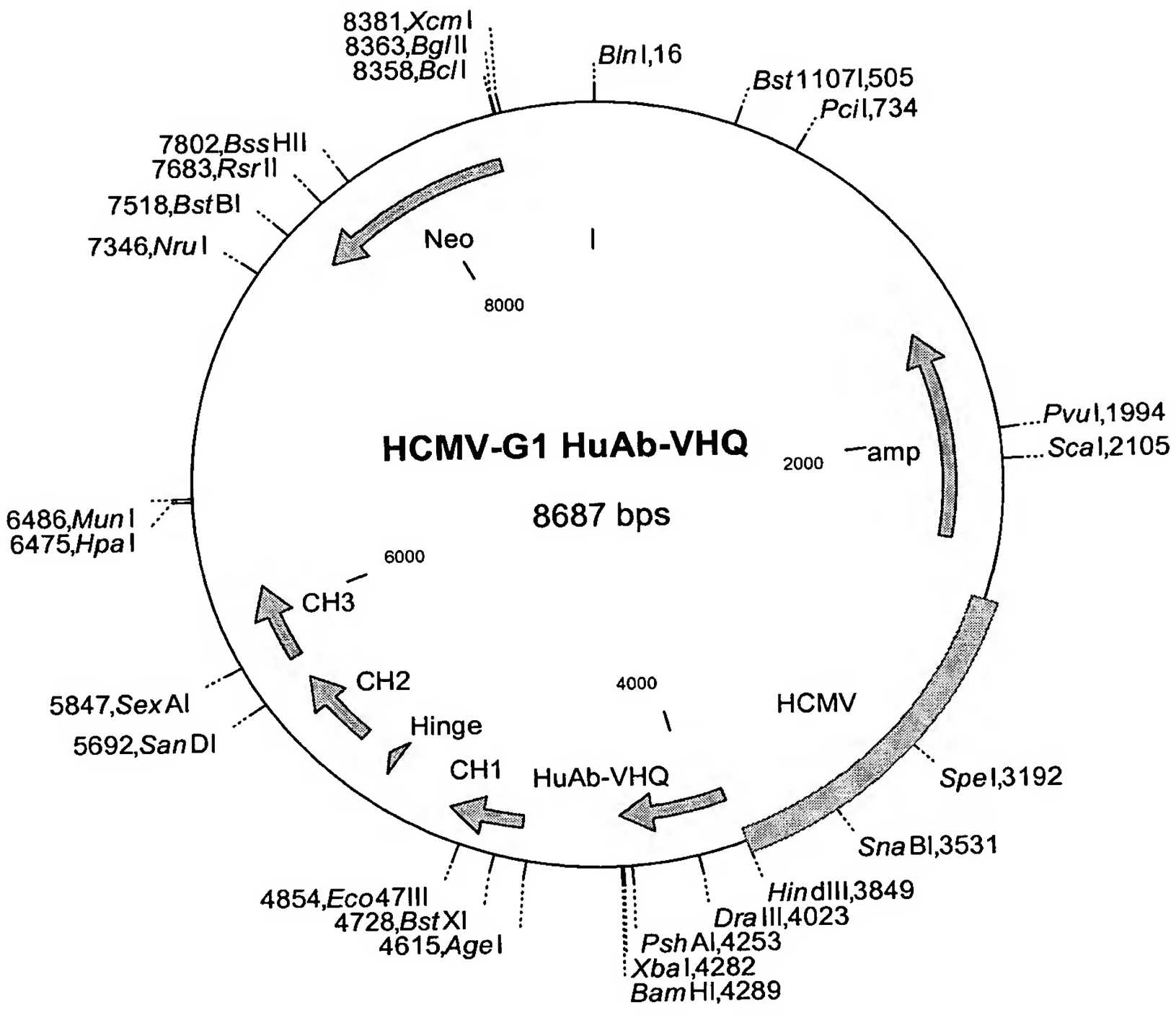

8381,XcmI
8363,BglII
8358,BclI
BlnI,16
Bst1107I,505
PciI,734
7802,BssHII
7683,RsrII
7518,BstBI
7346,NruI
Neo
8000
I
HCMV-G1 HuAb-VHQ
8687 bps
2000
amp
PvuI,1994
ScaI,2105
6486,MunI
6475,HpaI
6000
CH3
CH2
5847,SexAI
5692,SanDI
4000
HCMV
Hinge
CH1
HuAb-VHQ
SpeI,3192
SnaBI,3531
4854,Eco47III
4728,BstXI
4615,AgeI
HindIII,3849
DraIII,4023
PshAI,4253
XbaI,4282
BamHI,4289

Figure 3/5

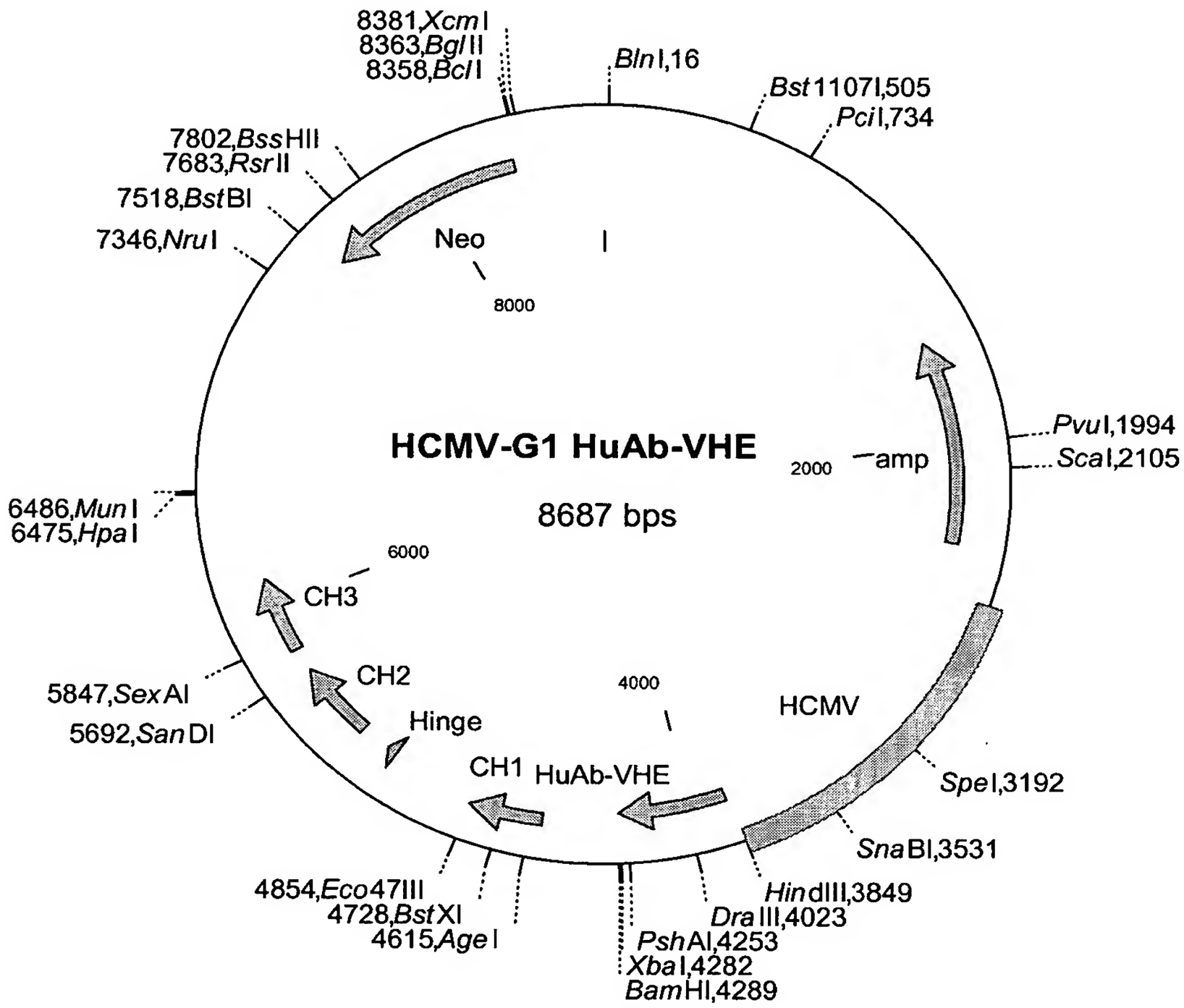

8381,Xcm I
8363,Bgl II
8358,Bcl I
Bln I,16
Bst 1107I,505
Pci I,734
7802,Bss HII
7683,Rsr II
7518,Bst BI
7346,Nru I
Neo
I
8000
HCMV-G1 HuAb-VHE
8687 bps
2000
amp
Pvu I,1994
Sca I,2105
6486,Mun I
6475,Hpa I
6000
CH3
CH2
Hinge
CH1
HuAb-VHE
4000
HCMV
5847,Sex AI
5692,San DI
Spe I,3192
Sna BI,3531
4854,Eco47III
4728,Bst XI
4615,Age I
Hin dIII,3849
Dra III,4023
Psh AI,4253
Xba I,4282
Bam HI,4289

Figure 4/5

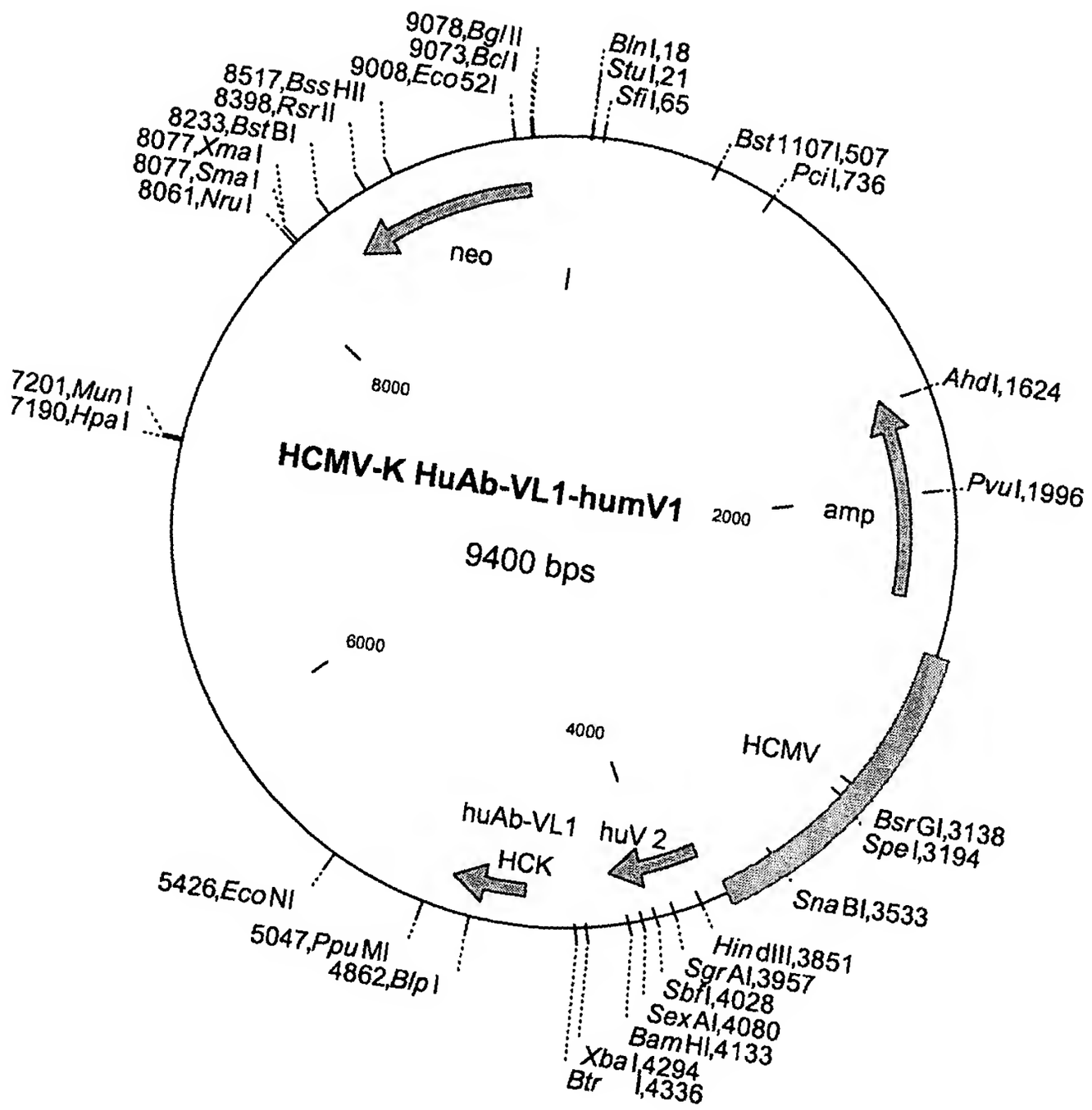
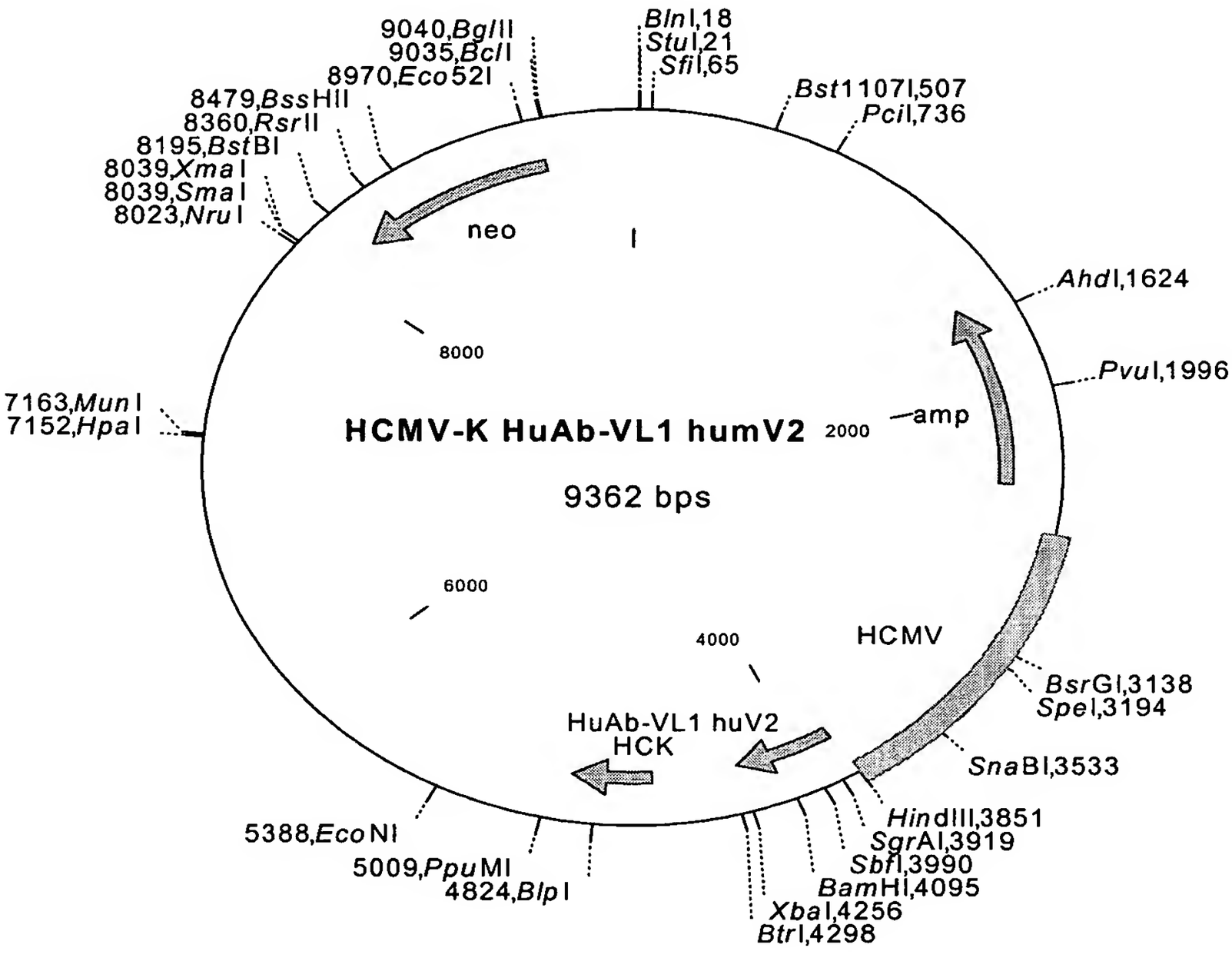

9078,BglII
9073,BclI
9008,Eco52I
8517,BssHII
8398,RsrII
8233,BstBI
8077,XmaI
8077,SmaI
8061,NruI
BlnI,18
StuI,21
SfiI,65
Bst1107I,507
PciI,736
neo
I
8000
7201,MunI
7190,HpaI
HCMV-K HuAb-VL1-humV1
9400 bps
2000
amp
AhdI,1624
PvuI,1996
6000
4000
HCMV
huAb-VL1
huV 2
HCK
BsrGI,3138
SpeI,3194
SnaBI,3533
5426,EcoNI
5047,PpuMI
4862,BlpI
HindIII,3851
SgrAI,3957
SbfI,4028
SexAI,4080
BamHI,4133
XbaI,4294
Btr
I,4336

Figure 5/5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9035,BclI
8970,Eco52I
8479,BssHII
8360,RsrII
8195,BstBI
8039,XmaI
8039,SmaI
8023,NruI
BlnI,18
StuI,21
SfiI,65
Bst1107I,507
PciI,736
AhdI,1624
PvuI,1996
amp
neo
8000
2000
6000
4000
7163,MunI
7152,HpaI
HCMV-K HuAb-VL1 humV2
9362 bps
HCMV
BsrGI,3138
SpeI,3194
SnaBI,3533
HuAb-VL1 huV2
HCK
HindIII,3851
SgrAI,3919
SbfI,3990
BamHI,4095
XbaI,4256
BtrI,4298
5388,EcoNI
5009,PpuMI
4824,BlpI